

CLAIM AMENDMENTS

- 52  
B1
1. (Currently Amended) A method comprising:  
negatively biasing a first plate of spatial light modulator with alternating signals of a first and second polarity; and  
reversing the bias  
biasing a second plate of a spatial light modulator with only the first polarity.
  2. (Original) The method of claim 1 including biasing a top plate and a pixel electrode.
  3. (Original) The method of claim 2 including biasing said top plate to a negative voltage.
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CMT  
4. (Original) The method of claim 3 including maintaining said pixel electrode at a positive voltage.
  5. (Original) The method of claim 4 including biasing said pixel electrode across its full dynamic range.
  6. (Original) The method of claim 1 including alternately biasing the top plate negatively and positively.
  7. (Currently Amended) A spatial light modulator comprising:  
a top plate;  
a liquid crystal layer;  
a pixel electrode, said top plate and said pixel electrode sandwiching said liquid crystal layer; and  
a drive circuit to apply positive and negative bias potentials to one of said electrode and said top plate and to bias the pixel electrode with only a positive potential.

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Amendment dated October 6, 2003  
Reply to Office Action of August 12, 2003

8. (Original) The spatial light modulator of claim 7 including a drive circuit to apply a negative bias potential to said top plate.

9. (Original) The spatial modulator of claim 7 wherein said spatial light modulator is a liquid crystal over silicon spatial light modulator.

*add*  
10. (Original) The spatial light modulator of claim 7 wherein said drive circuit applies positive and negative bias potentials in alternating frames.

11. (Original) The spatial light modulator of claim 8 wherein said top plate is formed of indium tin oxide.

12-15 (Canceled)

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